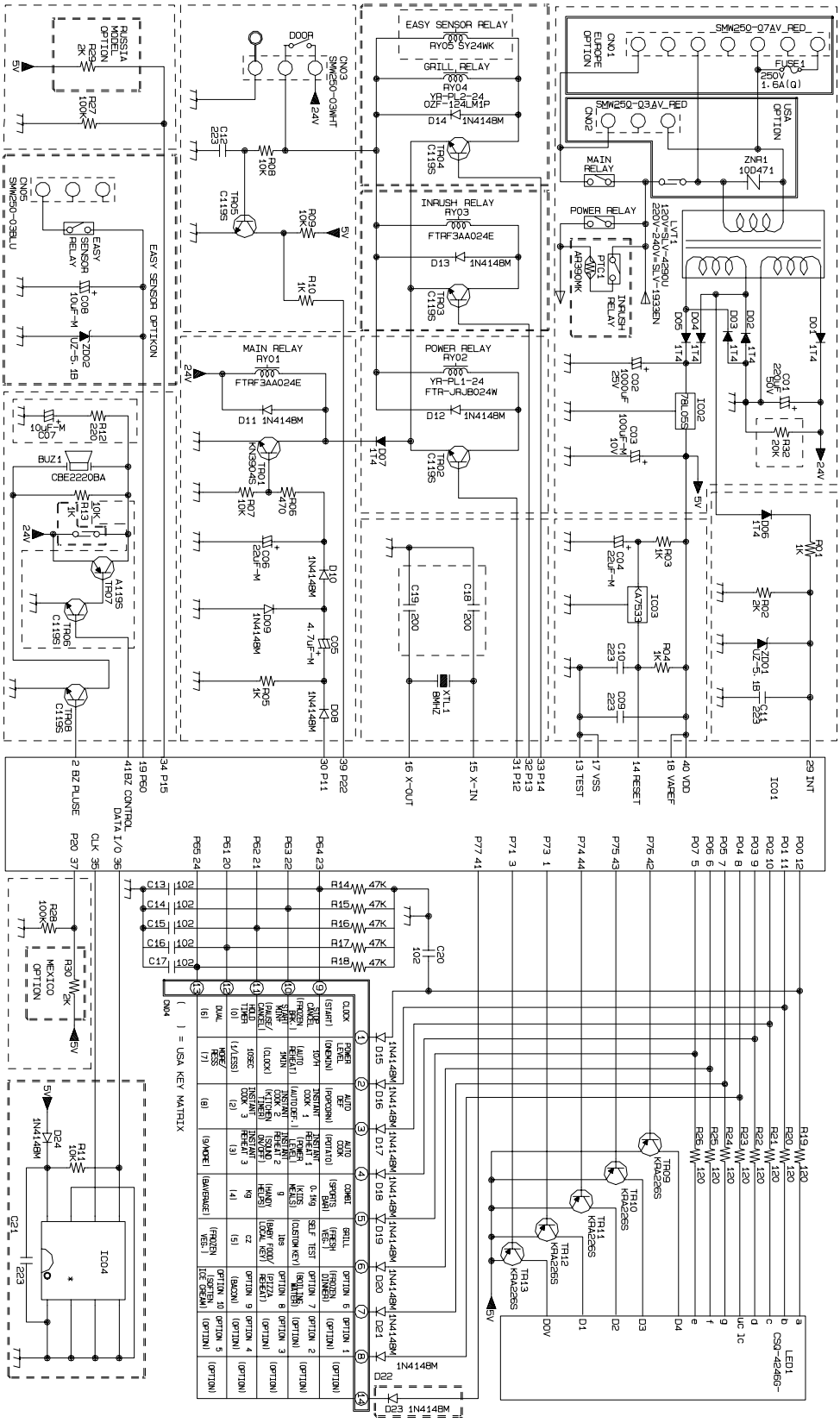
8. P.C.B Diagrams

8-1 P.C.B Diagrams



N2LED1
SCHEMATIC

8-2 P.C.B Parts List

Code No.	Description	Specification	Q'ty	Remark
3501-001062	RELAY-POWER	24VDC,523.2mW,16A,1FormA,15mS,	1	RY02
3501-001068	RELAY-POWER	24Vdc,523mW,16A,1FormA,15mS,10	1	RY04
3501-001155	RELAY-MINIATURE	24VDC,200MW,3000MA,1FORMA,10MS,10MS	2	RY01,03
3601-001126	FUSE-CARTRIDGE	250V,1.6A,FAST-ACTING,CERAMIC,5x20mm	1	FUSE1
3708-001510	CONNECTOR-FPC/FC/PIC	14P,1.25mm,STRAIGHT,SN	1	CN04
DE07-00021B	LED DISPLAY	CSQ-4246G-01,-,-,40seg,5digit,45.2*22.3*22,-	1	LED1
DE09-00200A	IC MICOM	TMP87CH47U-3CF6,SM-200107-AN,-	1	IC01
DE26-00034A	TRANS-L.V	SLV-1933EN,230V,50Hz,7.0V/17V,-,35*11,PIN,-	1	LVT1
DE30-20016A	BUZZER	CBE2220BA,STICK,-,-,-,-,-,-,-	1	BUZ1
DE47-40024A	HOLDER-FUSE	FH-51H,7.5A,-,-,-,-,-	1	FUSE1
DE92-00706A	ASSY PCB AUTO	230V50HZ,LED,RC-N2LED1-10,CE2638NR	1	
0401-001083	DIODE-SWITCHING	MM4148,100V,150MA,LL-34,TP	16	D08,23
0402-001103	DIODE-RECTIFIER	1T4,400V,1A,TS-1,TP	7	D01~07
0403-001288	DIODE-ZENER	ZMM55C5V1,4.8-5.4V,500MW,LL-34,TP	1	ZD01
0501-000465	TR-SMALL SIGNAL	MMBT3904,NPN,350MW,SOT-23,TP,30-300	1	TR01
0504-001008	TR-DIGITAL	RN2427,PNP,200MW,2.2K/10K,SOT-23,TP	5	TR09~13
0504-001080	TR-DIGITAL	KRC246S,NPN,200mW,2.2K/10K,SOT-23,TP	5	TR02~05,08
1202-000141	IC-VOLTAGE COMP.	7033,SOT-89,3P,-,SINGLE,0V,-,P	1	IC03
1203-001037	IC-VOLTAGE REGULATOR	78L05,SOT-89,3P,185MIL,PLASTIC	1	IC02
1404-001194	THERMISTOR-PTC	39ohm,20%,220/240V,270Vac,1.2A,-,TP	1	PTC1
2007-000033	R-CHIP	0OHM,5%,1/8W,DA,TP,3216	4	J11~13,16
2007-000282	R-CHIP	100KOHM,5%,1/10W,DA,TP,2012	2	R27,28
2007-000300	R-CHIP	10KOHM,5%,1/10W,DA,TP,2012	3	R07,08,09
2007-000346	R-CHIP	120OHM,5%,1/8W,DA,TP,3216	8	R19~26
2007-000468	R-CHIP	1KOHM,5%,1/10W,DA,TP,2012	6	R01,03,04,05,10,13
2007-000671	R-CHIP	2KOHM,5%,1/10W,DA,TP,2012	1	R02,29
2007-000931	R-CHIP	470OHM,5%,1/10W,DA,TP,2012	1	R06
2007-000941	R-CHIP	47KOHM,5%,1/10W,DA,TP,2012	5	R14~18
2203-000555	C-CERAMIC,CHIP	1nF,10%,50V,X7R,TP,2012,-	6	C18,19
2401-000151	C-AL	1000uF,20%,25V,GP,TP,10x20,5	1	C02
2401-000244	C-AL	100uF,20%,10V,GP,TP,6.3x7,5	1	C03
2401-000911	C-AL	22uF,20%,16V,GP,TP,5x7,5	2	C04,06
2401-002075	C-AL	4.7uF,20%,50V,GP,TP,5x11,5	1	C05
2401-002598	C-AL	220uF,20%,50V,GP,TP,10x16,5	1	C01
2801-003933	CRYSTAL-UNIT	8MHz,50ppm,28-AAA,12pF,70ohm,TP	1	XTL1
3711-000881	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,STRAIGHT,SN	1	CN03
3711-004200	CONNECTOR-HEADER	BOX,5P/7P,1R,2.5MM,STRAIGHT,SN	1	CN01
DE39-60001A	WIRE-SO COPPER	PI0.6,SN,T,52MM,TAPING_WIRE,-,	9	J01~09
DE41-00178A	PCB-MAIN	RA-N2LED1-**,FR-1,1,T1.6*W247*L197,-	1	
DE60-60012A	PIN-EYELET	ID2.1,OD2.5,L3.0,SN,BSP,T0.25,	2	